

IN THE CLAIMS:

Please amend claim 1, as follows, and cancel claim 5.

1. (Currently amended) Device for checking the quality of sheets, wherein each sheet comprises a plurality of copies, comprising a first inspection device for detecting image data of a surface on the front side of the sheets under reflected light, a second inspection device for detecting image data of a surface on the rear side of the sheets under reflected light, a third inspection device for illuminating detecting image data of the sheets under transmitted light and an evaluation device for evaluating the quality of the sheets based on the detection result of the inspection devices, wherein each inspection device is assigned its own transport drum for transporting the sheets, wherein the transport drum with which the third inspection device is arranged has a transparent casing, wherein the third inspection device comprises an image sensor and a light source for inspection by transmission, and wherein the transmission light source is arranged within the transparent casing of the transport drum.

2. (Previously presented) Device according to claim 1, wherein the transport drums are arranged one after the other in such a way that each sheet, after passing over the first transport drum or second transport drum, is passed directly to the respective downstream transport drum.

3. (Previously presented) Device according to claim 1, wherein the first or second inspection device comprises an image sensor and a light source for inspection by reflection.

4. (Previously presented) Device according to claim 1, wherein the first or second inspection device comprises a device for detecting the intensity of fluorescence.

5. (Cancelled)

6. (Previously presented) Device according to claim 1, wherein all three transport drums are arranged in a pair of side frame panels.

7. (Previously presented) Device according to claim 1, wherein at least one numbering unit for applying serial numbering to the sheets is arranged downstream of the inspection devices.

8. (Previously presented) Device according to claim 7, wherein a marking device is arranged on a counter-pressure cylinder of the numbering unit.

9. (Previously presented) Device according to claim 8, wherein the marking device is arranged upstream of the numbering unit.

10. (Previously presented) Device according to claim 7, wherein two numbering units are arranged on a common counter-pressure cylinder.

11. (Previously presented) Device according to claim 7, wherein the numbering unit applies the numbering only to those sheets which have passed the quality check carried out by the inspection devices.

12. (Previously presented) Device according to claim 11, wherein the numbering unit comprises a plurality of digit wheels which are moved to the next position after each printing operation so as to print a changed number in the subsequent printing operation, and wherein the motion of the digit wheels is stopped if a sheet is deemed to be unusable.

13. (Previously presented) Device according to claim 7, wherein the numbering unit comprises a plurality of digit wheels which are moved to the next position after each printing operation so as to print a changed number in the subsequent printing operation, and wherein a device is provided for monitoring the motion of the digit wheels and for stopping the device if no movement is detected between two printing operations.

14. (Previously presented) Device according to claim 1, wherein a marking device is arranged downstream of the inspection devices.

15. (Previously presented) Device according to claim 1, comprising a marking device and wherein a sheet to be checked is divided into columns and rows, and wherein the marking device marks an edge region of a column and/or row in which the fault is located.

16. (Previously presented) Device according to claim 1, comprising a marking device and wherein a sheet to be checked is divided into columns and rows, and wherein the marking device marks a column and outputs the row number in which the fault is located.

17. (Previously presented) Device according to claim 1, comprising a marking device and wherein the marking device applies a marking as unusable to the sheet if the evaluation device deems the quality of said sheet to be insufficient.

18. (Previously presented) Device according to claim 1, comprising a marking device and wherein the evaluation device is designed to individually evaluate the quality of individual copies, and wherein the marking device is designed to apply the marking only to or in relation to copies which are deemed to be unusable.

19. (Previously presented) Device according to claim 1, comprising a marking device and wherein the marking device applies the marking to the horizontal and vertical edge region of the sheet.

20. (Previously presented) Device according to claim 1, comprising a marking device and wherein the marking device comprises a plurality of ink spray heads.

21. (Previously presented) Device according to claim 1, wherein arranged downstream of the device is a sheet discharger having at least one stack for sheets which have

been deemed to be of sufficient quality, and at least one stack for sheets which have been deemed to be of insufficient quality.

22. (Previously presented) Device according to claim 1, wherein a further transport drum is arranged downstream of the three transport drums of the inspection devices, which transport drum forms a sheet transfer interface.

23. (Previously presented) Device according to claim 22, wherein the three inspection devices and the four transport drums form an inspection module which can be connected to other modules.

24. (Previously presented) Device according to claim 22, wherein the further transport drum also serves as counter-pressure cylinder.

25. (Previously presented) Device according to claim 1, wherein a magnetic field sensor is arranged on one of the transport drums.

26. (Previously presented) Device according to claim 1, wherein a printing unit is arranged upstream or downstream of the inspection devices.

27. (Previously presented) Device according to claim 26, wherein the printing unit comprises an inking unit and a form cylinder which is supplied with colour by the inking unit.